

Check list for "Projects are everywhere"

With our check list, you'll find lighting refurbishment highly simple. Take a close look and find out whether refurbishing could pay off for you. If you need any help, our light experts would be glad to provide support.

- ✓ **Is your lighting system older than 10 years?**
Older lighting installations consume unnecessary amounts of electricity. They are no longer technically up-to-date, and the poor lighting conditions resulting from this aggravate work.
- ✓ **Which light sources does your lighting system use?**
The older the lamp technology, the more it pays to replace one-to-one for modern LED luminaires. Dramatic cuts in energy costs compared to obsolete luminaires equipped with T8 fluorescent lamps result in significantly shortened amortisation periods. In principle, this also applies to luminaires with T5 light sources if these are used in pairs in a common optical system.
- ✓ **Have light sources already been replaced?**
Lamps that flicker or only hesitantly begin operation are the first signs of obsolete lighting. Relamping at first glance seems quick and simple, because existing luminaires are kept and no building work is needed.
However, reductions in quality and possible problems with luminaire guarantees often result, especially if LED retrofit lamps are used. For this reason, it's recommended to replace old luminaires one-to-one with modern LED versions to effectively avoid such problems.
- ✓ **Do you continually need to repair things?**
Old, brittle cables, unreliable lamps and unavailable or difficult to source spare parts are sure signs of high maintenance costs. Designing and implementing a new lighting installation eliminates such costs.
- ✓ **Are ballasts heating up too much?**
In such cases, refurbishing obsolete lighting is urgently recommended to avoid unnecessary risks of fire.
- ✓ **Does the light colour have a disturbing effect?**
Light can improve in terms of quality. If light colour is uniform and matched to specific work conditions, this improves vision and the light atmosphere, and also has a pleasing effect on people (biological light).

✓ **Does your lighting operate throughout the day?**

That is hardly necessary. Using a light management system allows you to tap additional energy saving potential that in many cases exceeds 50%. As well as the economic and ecological benefits, electronically controlling a lighting system provides maximum operating convenience. In addition to daylight control, making the most of motion sensors is recommended in warehouses and storage facilities for example. Light is then only used when it's actually needed, which in turn effectively avoids the continuous and usually unnecessary consumption of energy.

✓ **Do you find your lighting attractive?**

Soiled optics and material ageing may halve the light output ratio of a lighting system. Added to this is that visual acuity is significantly reduced if luminaires are not regularly maintained. Here as well, fundamentally upgrading lighting installations for LED luminaires provides help.

Can our light experts help you?

Is refurbishing your project too complex, and would you be glad of professional help? No problem. Our light experts would be pleased to take care of your lighting. Get your project started now – write an e-mail refurbishment@trilux.co.uk.